

Title (en)

METHOD FOR INK-JET PRINTING A SILICONE-BASED COMPOSITION ONTO A TEXTILE SUBSTRATE

Title (de)

VERFAHREN ZUM TINTENSTRAHLDRUCKEN EINER AUF SILIKON BASIERENDEN ZUSAMMENSETZUNG AUF EIN TEXTILSUBSTRAT

Title (fr)

PROCEDE D'IMPRESSION JET D'ENCRE D'UNE COMPOSITION A BASE DE SILICONE SUR UN SUPPORT TEXTILE

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Application

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Abstract (en)

[origin: WO2020249694A1] The invention relates to a method for ink-jet printing a two-component silicone-based composition onto a textile substrate (3), said composition comprising a first component comprising at least one silicone polymer and a second component comprising at least one cross-linking agent, the method comprising the following steps: - providing a printing system (1) comprising at least one print head (10), itself comprising at least one print nozzle (12) capable of spraying the two-component silicone-based composition onto the textile substrate (3), and means (20) for relative movement (20) between the print head (10) and the textile substrate; - spraying the first component and the second component onto the textile substrate (3) via said printing nozzle (12); and, - cross-linking the silicone polymer by reaction between the first component and the second component so as to form a printed pattern on the textile substrate (3).

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